

**ARIZONA GAME AND FISH DEPARTMENT
HABITAT PARTNERSHIP COMMITTEE
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

Game Branch / HPC Project Number:	11-418
Possible Funding Partners:	

PROJECT INFORMATION

Project Title: Water Development 876

Region and Game Management Unit: Region IV, GMU 41

Local Habitat Partnership Committee (LHPC):

- Southwest AZ HPC

Was the project presented to the LHPC?

YES[X] NO[]

Has this project been submitted in previous years? YES[X] NO[]

If Yes, was it funded? YES[X] NO[] → **HPC Project #:** 10-406*

Project Type: Water Development

Brief Project Summary:

Replace the old system (ring tank and apron) with new storage components and a walk-in trough.

Big Game Wildlife Species to Benefit: Mule deer will benefit from increased water availability. Likely to be used by Sonoran pronghorn in the future. The waters located along the Wellton-Mohawk Irrigation canal are essential to maintain if we hope to keep pronghorn out of the canal in the future.

Implementation Schedule (Month/Day/Year):

Project Start Date:
January 2012

Project End Date:
April 2013

Environmental Compliance:

NEPA Completed: YES[X] No[] N/A[]

Projected Completion Date: _____

State Historic Preservation Office - Archaeological Clearance:

YES[X] No[] N/A[]

Projected Completion Date: _____

Arizona Game and Fish Department EA Checklist: N/A[]

To be Completed by: Mike Sumner

Projected Completion Date: January 2012

PROJECT FUNDING

Special Big Game License Tag Funds Requested:

\$18,300

Cost Share or Matching Funds:

\$12,250

Total Project Costs:

\$30,550

PARTICIPANT INFORMATION

Applicant (please print):

Mike Sumner

Address:

9140 E. 28th Street

Yuma, AZ 85365

E-mail:

msumner@azgfd.gov

Telephone(928) 580-8076

Date: 08-29-11

AGFD Contact and Phone No. (If applicant is not AGFD personnel): Same

Project has been coordinated with: Ed Jahrke

NEED STATEMENT – PROBLEM ANALYSIS:

**NOTE: This project was submitted and approved for funding during the 2010 HPC cycle. However, due to vandalism, maintenance needs, and ultimate failure of another water development, Regional priorities changed and the funding allocated to the project was transferred to fix the failing water development. Therefore, this project is being submitted again for this HPC cycle.*

The original tank is leaking and has gone dry during the summer season. Mule deer are forced to find water elsewhere. Mule deer are lost in the Wellton-Mohawk canal during the summer season, particularly after the catchment has gone dry. A temporary tank has been placed but has no collection ability and thus requires consistent water hauling which is a drain on resources.

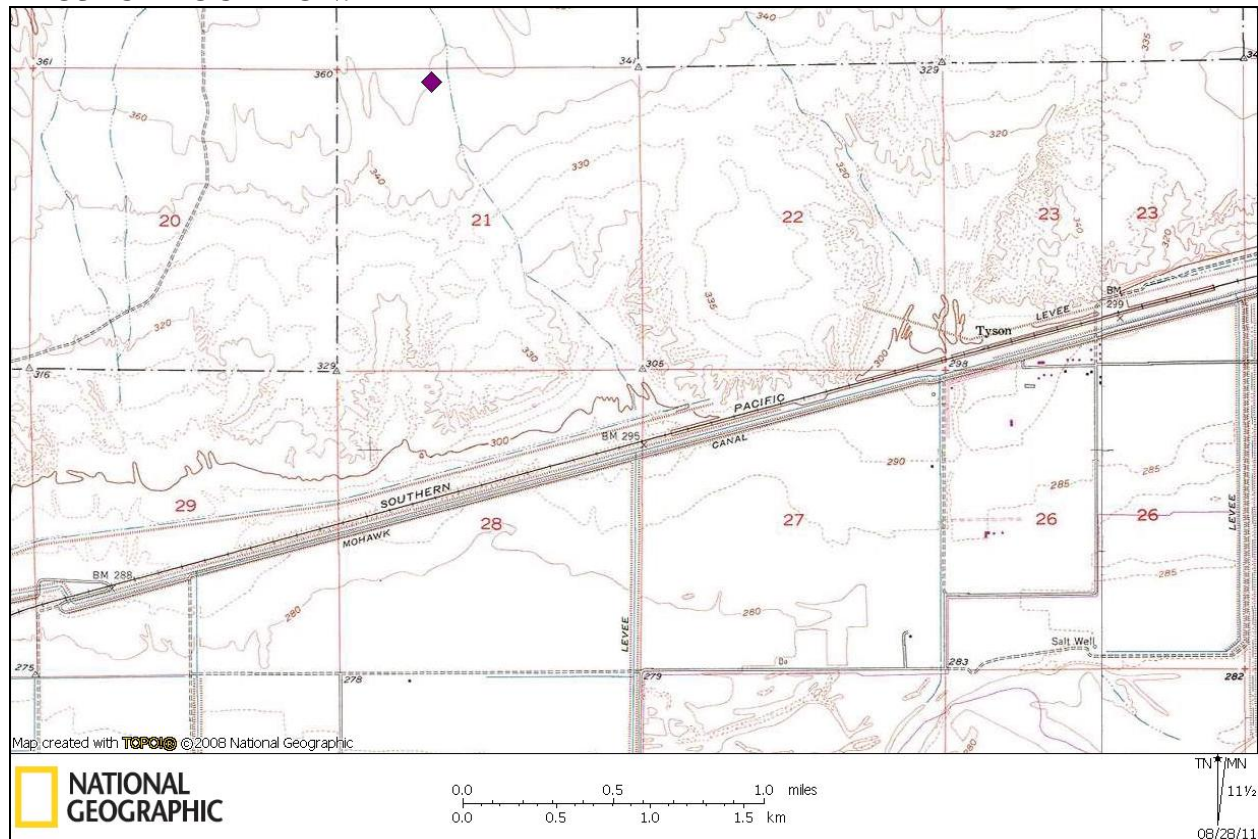
PROJECT OBJECTIVES:

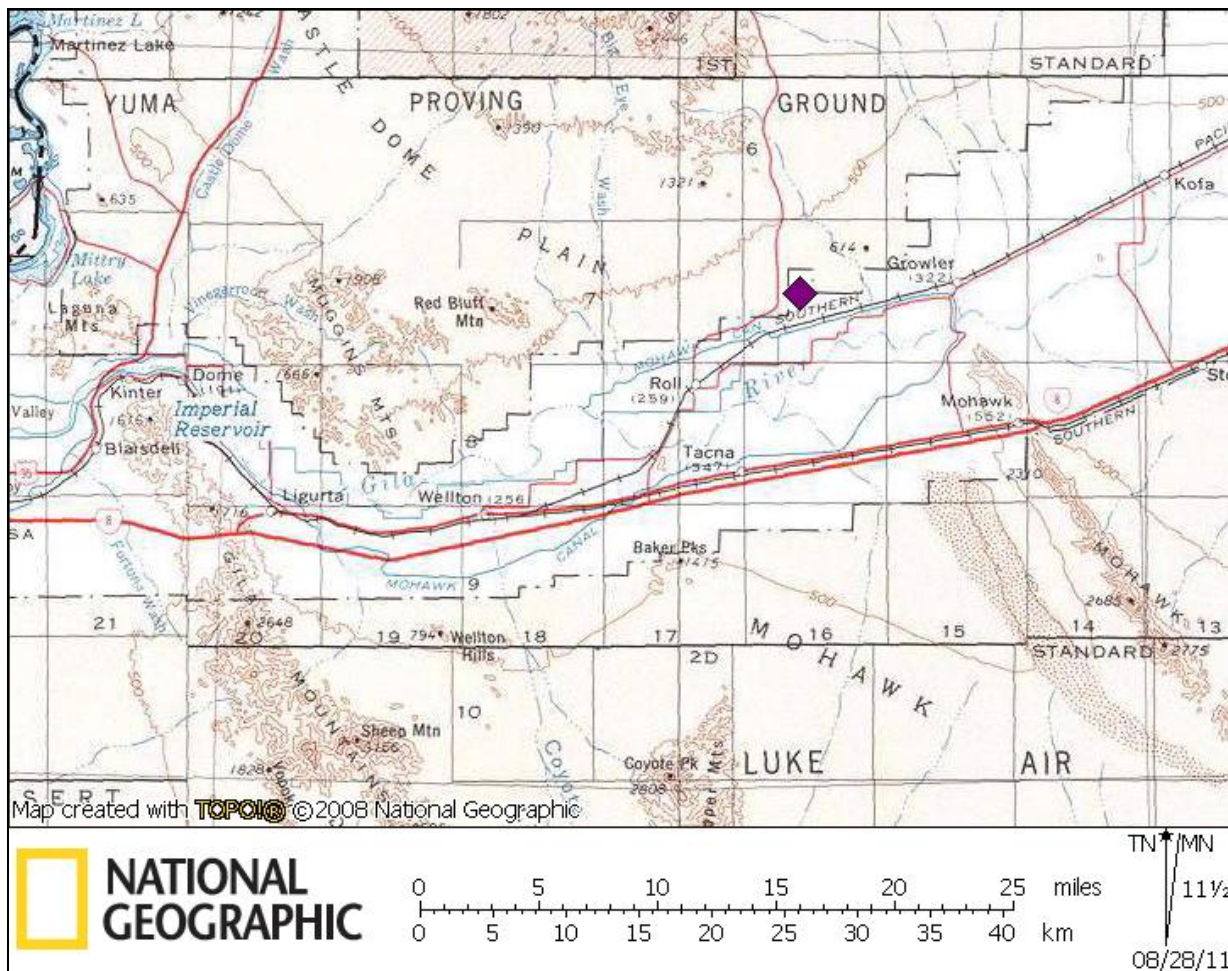
Develop a permanent water source for mule deer by adding underground storage system, a trough and collecting point. Will greatly reduce the amount of resources needed for hauling water to the catchment by replacing the leaking tank with new components. The new buried system will also minimize water loss due to evaporation and reduce the risk of vandalism.

PROJECT DESCRIPTION AND STRATEGIES:

Bury PVC pipe, install a trough and a collecting point using volunteer labor.

PROJECT LOCATION:





LAND OWNERSHIP AT PROJECT SITE (Please state specifically if PRIVATE PROPERTY and provide landowner's name): BLM

IF PRIVATE PROPERTY, IS THERE A STEWARDSHIP or LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?

YES[] NO[]

HABITAT DESCRIPTION:

Sonoran Desert, Lower Colorado Subdivision

ITEMIZED USE OF FUNDS:

Special Big Game License Tag Funds

Purchase 24 inch PVC pipe (4 X 100' lengths) and one walk-in drinker with SBG funds = \$16,300.

ADWR Application = \$2,000

Cost Share or Matching Funds

Contribution by the AZGFD Sonoran pronghorn recovery program towards purchase of 24 inch PVC pipe and one walk-in drinker = \$3,750 (23% of materials cost)

Yuma Valley Rod and Gun Club will provide two donated backhoes, four trailers to haul materials and supplies to the site, 20 labors for three days, volunteer mileage, 6 inch PVC pipe lines, concrete and misc. plumbing = \$8,500.

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

Yuma Valley Rod and Gun Club (YVR&GC):

Will provide two donated backhoes, four trailers to haul materials and supplies to the site, 20 labors for three days, volunteer mileage, 6 inch PVC pipe lines, concrete and misc. plumbing.

PROJECT MONITORING PLAN:

Dan Urquidez (WM, Wellton) will maintain the new system according to Region IV maintenance protocol. To be checked monthly during the summer season and at least once during the cool season.

PROJECT MAINTENANCE:

If water hauling is required, Region IV personnel will take the lead and insure it gets done. Minor maintenance such as cleaning the silt trap, removing organic matter and measuring the water level will be accomplished by Dan.

PROJECT COMPLETION REPORT TO BE FILED BY:

Dan Urquidez, Wildlife Manager 41

WATER DEVELOPMENT PROJECTS (*see attached worksheet*):

TREE SHEARING (AGRA-AXE, PUSH) PROJECTS (*see attached worksheet*):

N/A

ARIZONA GAME AND FISH DEPARTMENT

WATER DEVELOPMENT WORKSHEET

PROJECT NAME: 876 redevelopment

- 1) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”**
Yes
- 2) **Please list the Development Branch personnel and date coordinated with for this project.**
Ed Jahrke, Spring 2008
- 3) **What is the estimated annual inches of precipitation for the area? (mark one)**
☒2-4 ☐4-6 ☐6-8 ☐8-10 ☐10-12 ☐12-14 ☐14-16 ☐ >16
- 4) **Is there a perennial water source available to big game within four miles of this project?**

YES☒ (please complete #5 below) NO☐ (skip #5 below)
- 5) **For the accessible, perennial water source nearest this project:**
Name of water source: Wellton-Mohawk canal.
Type of water source (catchment, spring, dirt tank): Canal - death trap for deer.
Ownership of water source: Wellton-Mohawk Irrigation District
Distance in miles from project: Two
- 6) **Is the target wildlife species a result of transplant efforts?** YES☐ NO☒
- 7) **Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument). If private land, list landowner.**
NA - BLM
- 8) **Please provide the following information about access to the proposed site:**
Type of access (mark one): ☐2x4 vehicles ☒4x4 only ☐foot only**
**If foot access only: Distance in miles: _____ Approximate hiking time: _____

-- Does access to this site require crossing private or tribal lands? YES☐ NO☒

-- Please describe any restrictions to public access: NA

9) Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.

24 inch PVC pipe, 4 X 100' lengths for an estimated capacity of 10,000-gallons and 36 inch deep trough.

10) Was a site visit completed? Yes[X] No[]

If Yes, please list personnel that attended and date.

Jeff Young (BLM) and John Hervert, Spring 2002.